

### **Abstract of the Invention**

The present invention provides a dynamic continuous and/or semi-continuous and/or static product measurement characterizing and identifying system and apparatus for food stuffs and food product portions and other objects comprising a conveyor means for transport of product or object to be measured to one or more detection regions to detect information comprising height, length, width, dimensional, spatial or topological characteristics, coloring characteristics, and/or moisture content and/or weight and temperature while conveyed products are in motion or static or a combination thereof on said conveying means.